

Manhole Inspection Summary

Manhole # S35A__025MH

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Inspection ☐ Is Incomplete Rating: **5) Immediate Attention Required**

Record Plat: **35A** Node: **025** Status: **Found**

Insp Date: **5/5/09 9:05 AM**

Incomplete Comments

Crew: **REI2**
Inspector: **paulfry**
Firm: **ATS**

Location Address: **401 GUILFORD AV**

Cross Street: **E CENTER ST**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **TRAFFIC CONTROL - LANE CLOSED/MERGE INTO LEFT;**

Cover

Shape: **Circular**

Diameter: **30** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **3** (in.)

Condition: ☐ Sound

☐ Cracked

☒ **Leaks**

Chimney / Frame Adjustment

☐ Exists

Material:

☐ Parged

Height: **0** (in.)

Condition: ☐ Sound

☐ Cracked

☐ Root Intrusion

☐ Loose Brick

☐ Deteriorated

Infiltration: ☐ None

☐ Joint

☐ Cracks

☐ Mortar

☐ Roots

☐ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound

☐ Cracked

☐ Root Intrusion

☐ Loose Brick

☐ Deteriorated

Infiltration: ☒ None

☐ Joint

☐ Cracks

☐ Mortar

☐ Roots

☐ Wall

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **48** (in.) Length: **0** (in.)

Condition: ☐ Sound

☒ **Cracked**

☐ Root Intrusion

☐ Loose Brick

☒ **Deteriorated**

Infiltration: ☐ None

☐ Joint

☐ Cracks

☐ Mortar

☐ Roots

☒ **Wall**

Bench

☒ Exists Material: **Brick**

☐ Parged

Condition: ☐ Sound

☐ Cracked

☐ Root Intrusion

☐ Deteriorated

☐ Leaks

☒ **Debris**

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open**

Junc Dist: **0.5**

nearest .5 ft.

Azimuth: **180**

Condition: ☒ Sound

☐ Cracked

☐ Root Intrusion

☐ Deteriorated

☐ Leaks

☐ Debris

Steps

Count: **5**

Missing: **1**

☒ **Corroded**

Surcharge

☐ Evidence Of Surcharge

Depth: **0** (ft.)

☐ Active Surcharge Present

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Location View



Top View



damage to barrel wall can be seen above 4 O'clock connection

Misc.



DAMAGE TO STRUCTURE FROM
CONCRETE PIPE INSTALLATION
(Additional View)

Defect 7



INFILTRATION @ BARREL WALL

Defect 6



DEBRIS ON BENCH

Defect 5



FRAME LEAKS

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Defect 4



FRAME OFFSET

Defect 3



DETERIORATED BARREL BRICKS -
RCCP STORM DRAIN ON OTHER SIDE

Defect 2



CRACKED/FRACTURED BARREL
BRICKS

Defect 1



DETERIORATED/MISSING STEPS

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12 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **12** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **10.81** (ft.) Flow Characteristics: **Fast**
Deposits: ☐ None ☐ Mud ☐ Sludge ☐ Debris ☒ Grease
Silt Depth: **1** (in.) Deposits Extent: **Light**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

0 in. Circular Gravity Sewer
Pipe In @ 4 O'Clock

4 O'Clock Inflow



Pipe Height: **0** (in.)
Pipe Material: ☐ Pipe Lined
Invert Depth: **0.00** (ft.) Flow Characteristics:
Deposits: ☐ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: Pipe Seal Cond:

Drop:
Angled: Reading: **0.00** (ft.)
Inv Depth: **0.00** (ft.)

Drop Condition:

Connects To: **Stub connection / abandoned**

☐ Possible Illicit Connection

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12 in. Circular Gravity Sewer
Pipe In @ 8 O'Clock

8 O'Clock Inflow



Pipe Height: **12** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **10.60** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection